

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:  
MARK ANDREW HARMER ET AL.

CASE NO.: CR9461 US DIV6 APPLICATION NO.: UNKNOWN  
CONFIRMATION NO.: 7890 (PARENT) GROUP ART UNIT: 1621 (PARENT)  
EXAMINER: JAFAR F. PARSA FILED: CONCURRENTLY HEREWITH  
FOR: SOL-GEL DERIVED POROUS MICROCOMPOSITE OF PERFLUORINATED ION-EXCHANGE POLYMER AND METAL OXIDE

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A. A copy of the information is also enclosed.

Benefit of the earlier filing date of U.S. Patent Application 10/322,786, filed December 18, 2002 is claimed under 35 U.S.C. 120 for the above-referenced application and only copies of information not previously made of record in the parent are enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,



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Dated: October 7, 2003

Enclosures

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	Unknown
<i>(use as many sheets as necessary)</i>		Filing Date	October 7, 2003
		First Named Inventor	Mark Andrew Harmer et al.
		Group Art Unit	1621
		Examiner Name	Jafar F. Parsa
Sheet	1	of	2
		Attorney Docket Number	CR9461 US DIV6

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>			
		EP	0503688	9-16-92	The Dow Chemical Co.	<input type="checkbox"/>
		EP	0367408	5-9-99	Texaco Development	<input type="checkbox"/>
		EP	0324080	7-19-89	General Electric Co.	<input type="checkbox"/>
		FR	1248426	12-7-60	Pittsburg Coke & Chemical	<input type="checkbox"/>
		EP	0338309	10-25-89	Bayer AG	<input type="checkbox"/>
		EP	0288295	10-26-88	BP Chemicals Limited	<input type="checkbox"/>
						<input type="checkbox"/>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2		of 2		Attorney Docket Number	CR9461 US DIV6

<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Mauritz, K. A. et al., Polym. Mater. Sci. Eng., 58, 1079-1082, 1988	<input type="checkbox"/>
		Olah, G. A. et al., Synthesis, 513-531, 1986	<input type="checkbox"/>
		Waller, F. J., Catal. Rev.-Sci. Eng., 1-12, 1986	<input type="checkbox"/>
		Weaver, J.D. et al., Catalysis Today, 14, 195-210, 1992	<input type="checkbox"/>
		Mauritz, K.A. et al., Multiphase Polymers: Blends and Ionomers, American Chemical Society, 401-417, Chapter 16, 1989	<input type="checkbox"/>
		Waller, F. J. et al. Chemtech, 438-441 (July 1987)	<input type="checkbox"/>
		Waller, F. J., In Polymeric Reagents and Catalysts, Ford, W.T. (Ed.), Chap. 3, ACS Symposium Series 308, ACS, Washington, DC (1986)	<input type="checkbox"/>
		Martin, C.R. et al., Anal. Chem. 54, 1639-1641 (1982)	<input type="checkbox"/>
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